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DIALOG(R)File 351:Derwent WPI  
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WPI Acc No: 1989-220957/\*\*198931\*\*

Monoclonal antibody specific for human interferon alpha-1 - produced by  
hybridoma DDR-0087, useful as assay and affinity purificn. reagents

Patent Assignee: AKAD WISSENSCHAFTEN DDR (DEAK )

Inventor: EICHMANN E; GAESTEL M; HANDSCHACK W; NOLL F; SCHNEIDER F;  
VALEVA

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DD 265291	A	19890301	DD 293805	A	19860825	198931 B

Priority Applications (No Type Date): DD 293805 A 19860825

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DD 265291	A	4			

Abstract (Basic): DD 265291 A

Prodn. of new monoclonal antibodies (MAb) against human interferon alpha-1 (I) comprises immunising Balb/c mice with human leucocyte interferon; fusing spleen cells with murine myeloma cells; selecting hybridomas; determining antigen specificity; selection of specific hybridomas and then mass replication in vitro or in vivo. The new feature is that antigen specificity is determined by an antibody inhibition test and by immuno-affinity chromatography, and clone ZIM-IIG11 (deposited as DDR-0087) is replicated conventionally by cell culture or transplantation.

USE/ADVANTAGE - MAb are used in biotechnology; medical diagnosis; research and (as affinity purification agent) for prodn. of therapeutic interferon compsns. It has adequate affinity and high specificity, and can be prepd. in large amts.

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Derwent Class: B04; D16; J04; S03

International Patent Class (Additional): A61K-039/39; C12N-005/00;  
G01N-033/57